Wireless USB Display Adapter

User’s Manual

ABOUT THIS MANUAL

This manual is designed for use with the Wireless USB Display Adapter. Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage.

SAFETY INSTRUCTIONS

Always read the safety instructions carefully:

- Keep this User's Manual for future reference
- Keep this equipment away from humidity
- If any of the following situation arises, get the equipment checked by a service technician:
  - The equipment has been exposed to moisture.
  - The equipment has been dropped and damaged.
  - The equipment has obvious sign of breakage.
  - The equipment has not been working well or you cannot get it to work according to the User's Manual.

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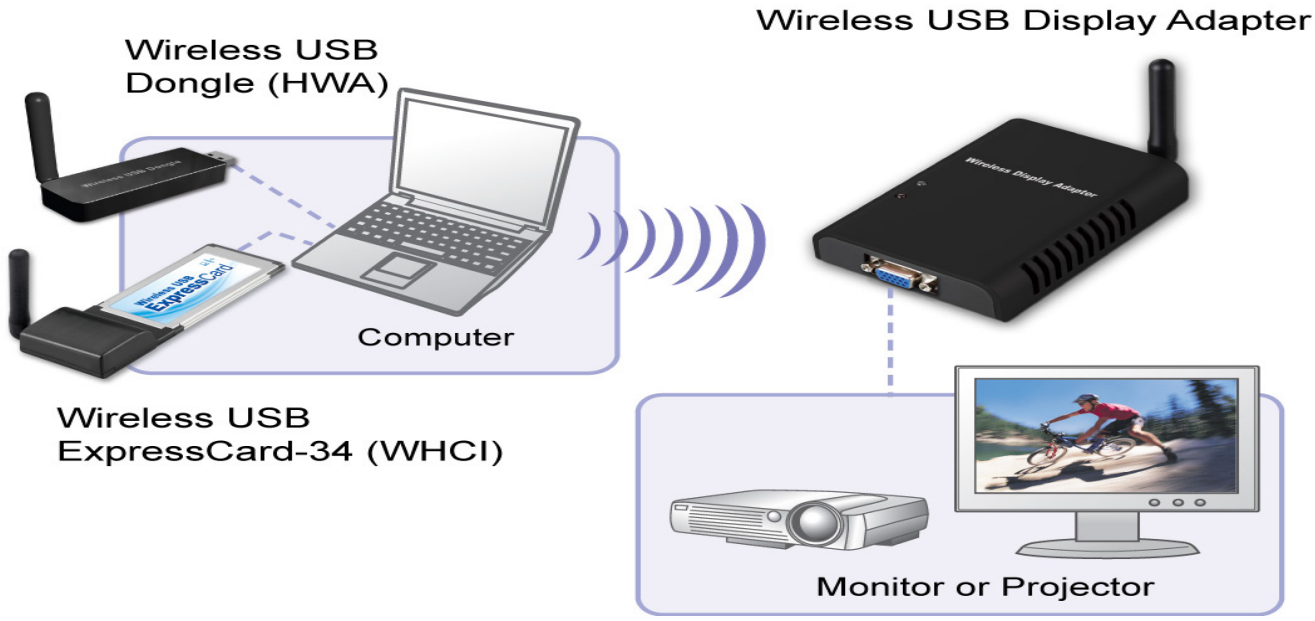
1. Introduction

This **Wireless USB Display Adapter** enables you to expand your VGA output without wires. No longer limited by the cable length, you can place the display at anyway you like. When during a presentation, a speech or lecture, you will be more freedom to broadcast and less interruption by long cable.



HWA: Host Wire Adapter

WHCI: PCI Adapter

Features

- No more wires and less cable clutter
- Simplify display installation by eliminating the cable.
- Small in size, works with all VGA displays.
- Mirror mode & Extended mode support
- Operation range up to 10 meters
- Transmission speeds of up to 480Mbps
- UWB (Ultra-Wide Band) technology use

Package Contents

- Wireless USB Display Adapter x1
- AC Power Adapter x1
- USB A-Type to Mini-B Cable x1
- CD (Driver and User's Manual) x1
- Quick Installation Guide x1

System Requirements

- Windows® XP SP2 and Vista™ 32/64-bit

LED Status

Color	Description
Green	■ LED lights when is powered on. ■ LED off when is powered off.
Blue	■ LED blinks when is made the association. ■ LED lights when is associated wirelessly.

Applicable for Serial Product of WUSB

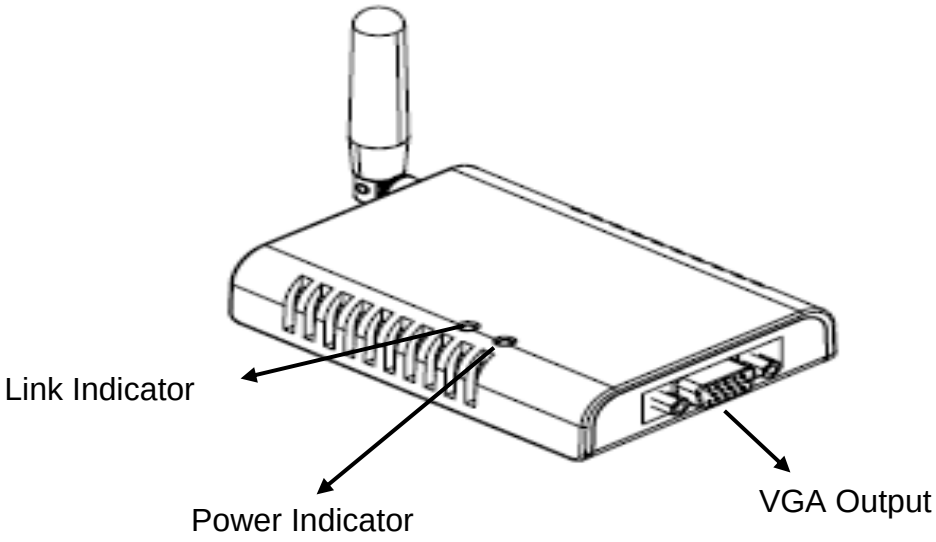
- Wireless USB Dongle
- Wireless USB ExpressCard

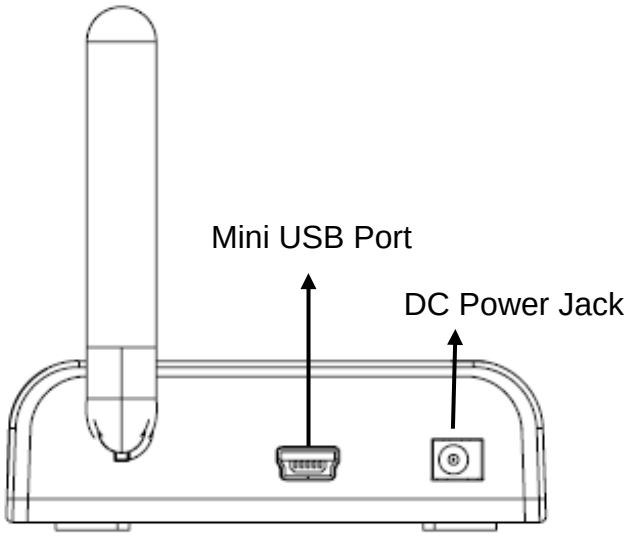
Notice：

Environmental factors will affect wireless signal range. Actual wireless performance depends on various factors, including wireless distance, network condition, operation system, hardware environment, actual data throughput etc. To get the better performance, please note the host and device antenna need to be leveled horizontally and without obstacle between when using.

2. Installation

Hardware Connection



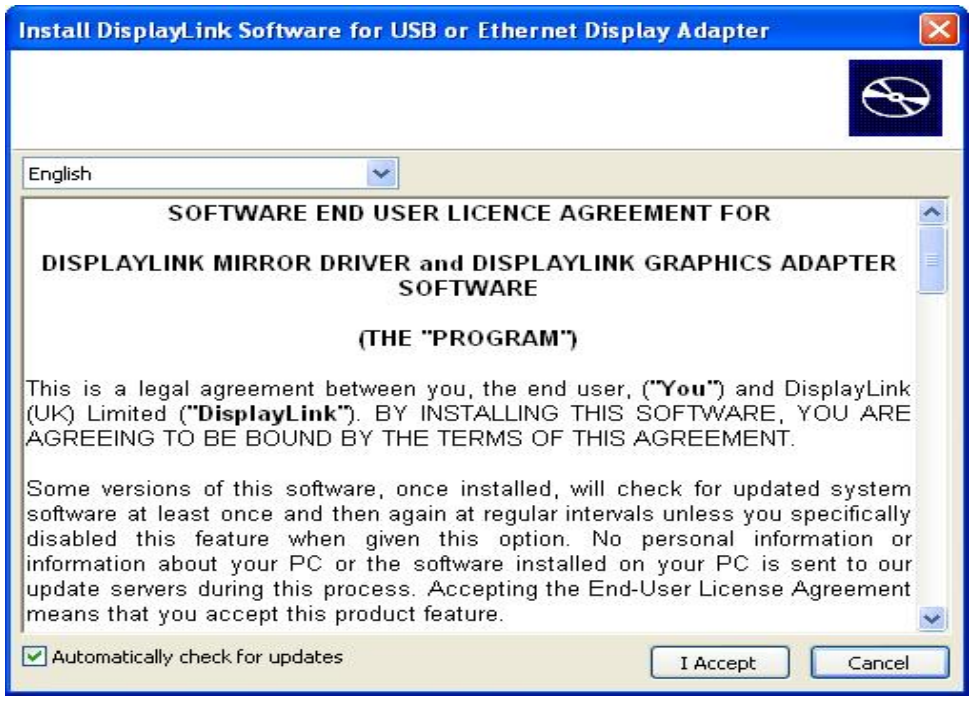


On Windows XP

Caution: DO NOT connect the product to your computer before installing the driver on the provided CD.

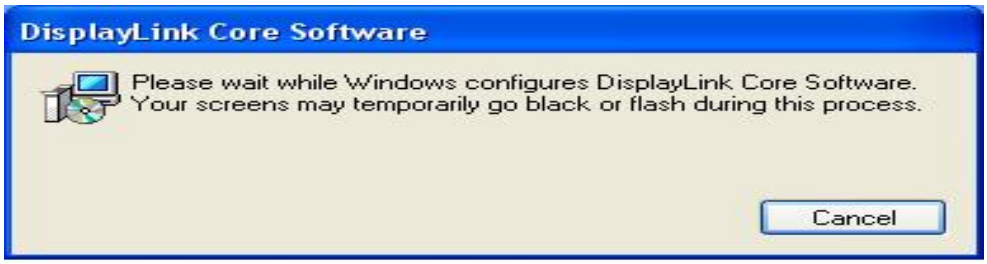
To install Wireless USB Display Adapter Driver

1. Insert the provided Wireless USB Display Adapter CD into your disc drive and the installation program will run automatically. When you see the screen as below, please select **I Accept** to continue the Display adapter driver install.


Install DisplayLink Software for USB or Ethernet Display Adapter
English
SOFTWARE END USER LICENCE AGREEMENT FOR
DISPLAYLINK MIRROR DRIVER and DISPLAYLINK GRAPHICS ADAPTER SOFTWARE
(THE "PROGRAM")
This is a legal agreement between you, the end user, ("You") and DisplayLink (UK) Limited ("DisplayLink"). BY INSTALLING THIS SOFTWARE, YOU ARE AGREEING TO BE BOUND BY THE TERMS OF THIS AGREEMENT.
Some versions of this software, once installed, will check for updated system software at least once and then again at regular intervals unless you specifically disabled this feature when given this option. No personal information or information about your PC or the software installed on your PC is sent to our update servers during this process. Accepting the End-User License Agreement means that you accept this product feature.
Automatically check for updates
I Accept
Cancel

If the installer program doesn't run automatically, please locate and double-click on the **Autorun.exe** file in the CD to launch the install program.

2. Please wait while Windows configures DisplayLink Core Software. Your screens may temporarily go black or flash during this process.


DisplayLink Core Software
Please wait while Windows configures DisplayLink Core Software.
Your screens may temporarily go black or flash during this process.
Cancel

**Actual strings depend on your operation system. These screen shots are from Windows XP SP2 and might vary slightly for each operation system.*

3. Please prepare **Wireless USB Host adapter** as Wireless USB Dongle, Wireless USB Expresscard …etc, to make the **wireless connection** with Wireless USB Display Adapter.

Note：You will need to associate your Wireless USB device with the host adapter, so the device can be recognized and connected. About the way of **Wireless Connection** between Wireless USB Host Adapter and Wireless USB device, please refer to the next section **of Wireless Connection.**

On Windows Vista

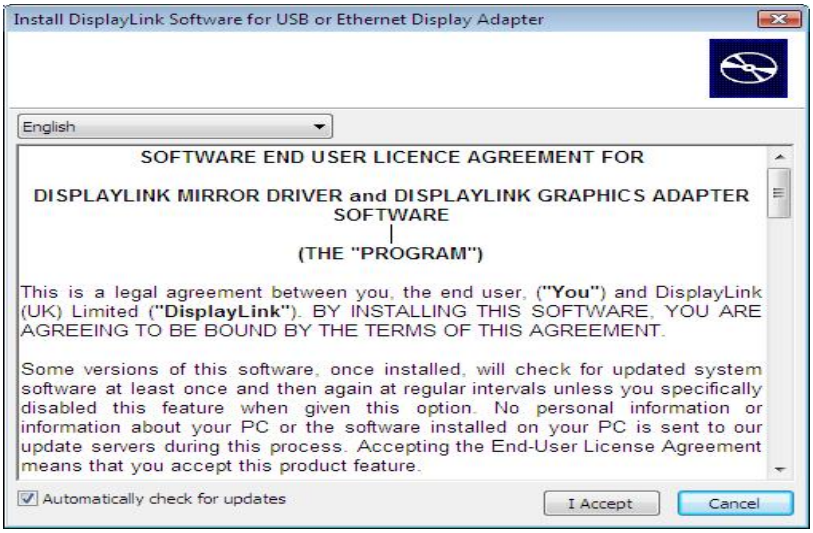
Caution: DO NOT connect the product to your computer before installing the driver on the provide CD.

To install Wireless USB Display Adapter Driver

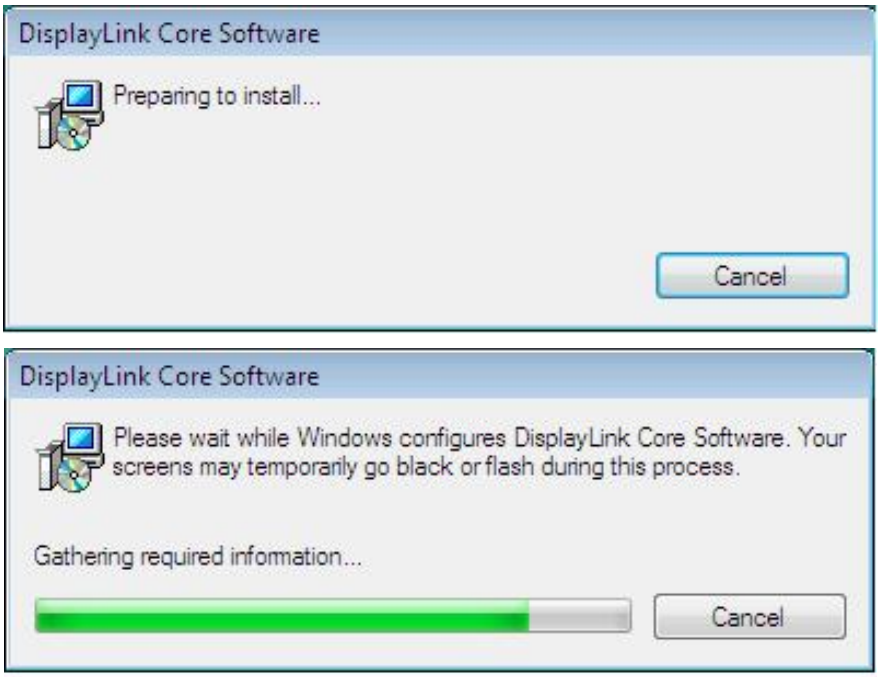
1. Insert the provided CD into your disc drive and installer program will run automatically when the **Wireless USB Display Adapter** CD is inserted. Please click on **Run Autorun.exe** to execute the installer program.

If the installer program doesn't run automatically, please locate and double-click on the **Autorun.exe** file in the CD to launch the install program.

2. When you see the screen as below, please select **I Accept** to continue the Display adapter driver install.


Install DisplayLink Software for USB or Ethernet Display Adapter
English
SOFTWARE END USER LICENCE AGREEMENT FOR
DISPLAYLINK MIRROR DRIVER and DISPLAYLINK GRAPHICS ADAPTER SOFTWARE
(THE "PROGRAM")
This is a legal agreement between you, the end user, ("You") and DisplayLink (UK) Limited ("DisplayLink"). BY INSTALLING THIS SOFTWARE, YOU ARE AGREEING TO BE BOUND BY THE TERMS OF THIS AGREEMENT.
Some versions of this software, once installed, will check for updated system software at least once and then again at regular intervals unless you specifically disabled this feature when given this option. No personal information or information about your PC or the software installed on your PC is sent to our update servers during this process. Accepting the End-User License Agreement means that you accept this product feature.
Automatically check for updates
I Accept
Cancel

3. Your screens may temporarily go black or flash during the configuration process.


DisplayLink Core Software
Preparing to install...
Cancel
DisplayLink Core Software
Please wait while Windows configures DisplayLink Core Software. Your screens may temporarily go black or flash during this process.
Gathering required information...
Cancel

**Actual strings depend on your operation system. These screen shots are from Windows Vista 32-bit and might vary slightly for each operation system.*

4. Please prepare **Wireless USB Host adapter** as Wireless USB Dongle, Wireless USB Expresscard …etc, to make the **wireless connection** with Wireless USB Hub. And then you may start to enjoy using your device wireless.

Note：You will need to associate your Wireless USB device with the host adapter, so the device can be recognized and connected. About the way of **Wireless Connection** between Wireless USB Host Adapter and Wireless USB device, please refer to the next section **of Wireless Connection.**

3. Wireless Connection

You will need to associate your Wireless USB device with the host adapter, so the device can be recognized and connected. There are two ways as bellows.

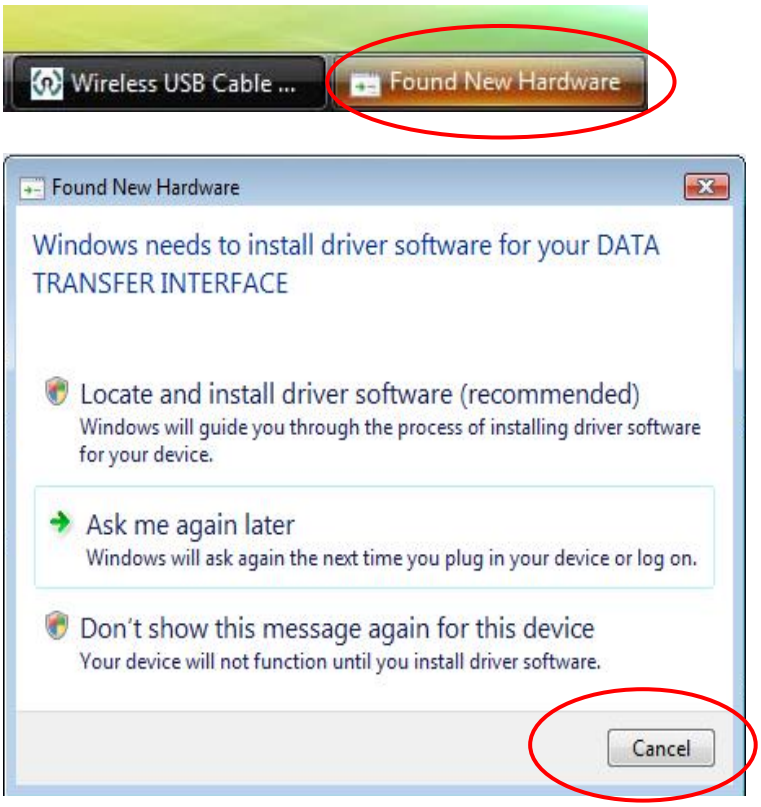
◆ To Make Cable Association

1. Both of **Wireless USB Host & Wireless USB Device** driver installation completed is necessary before you start to make cable association.
2. Get started by **plugging** your **Wireless USB host adapter** into an available USB or Expresscard/34 port on your computer or notebook first and you will find the **Wireless USB Manager** color in white.

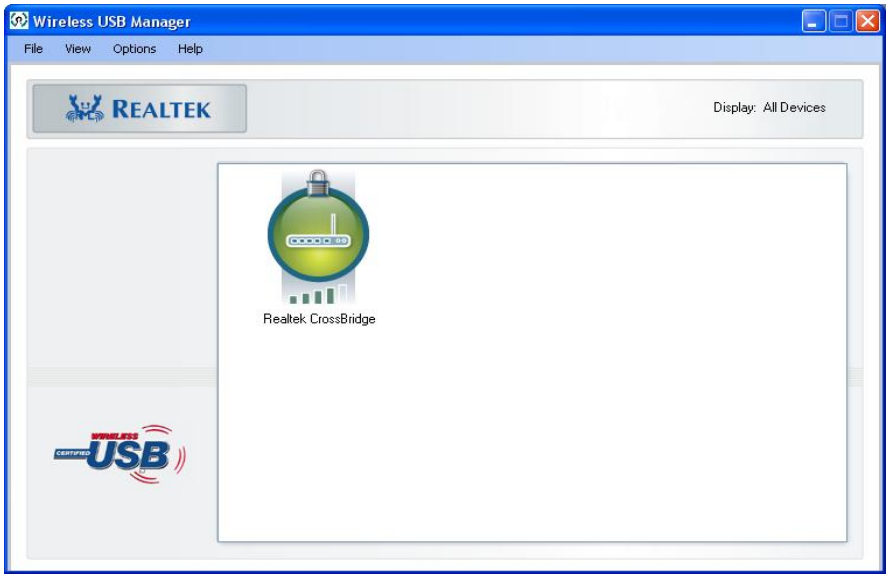
3. **Power on** your Wireless USB device after.
4. Using a **USB Type A to Mini B cable**, connect the wireless device to the computer.
5. When the **Wireless USB Cable Association** screen prompted as below, please Click on **Accept Association** and **OK** for **Association successful**.

Wireless USB Cable Association
Cable Association Information
To connect wirelessly:
1. Remove the USB Cable.
2. Follow any connection steps provided by your device vendor.
Association Successful
OK

Note: The message of **Found New Hardware** will pop up when making cable association. Please ignore the message or click **Cancel**.


Wireless USB Cable ...
Found New Hardware
Found New Hardware
Windows needs to install driver software for your DATA TRANSFER INTERFACE
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

6. **Remove the USB Cable** on you Wireless USB device. Please double click the **Wireless USB Manager** in notification area. The icon in **Green** represents association successful, and now you may start to enjoy using your device wirelessly.

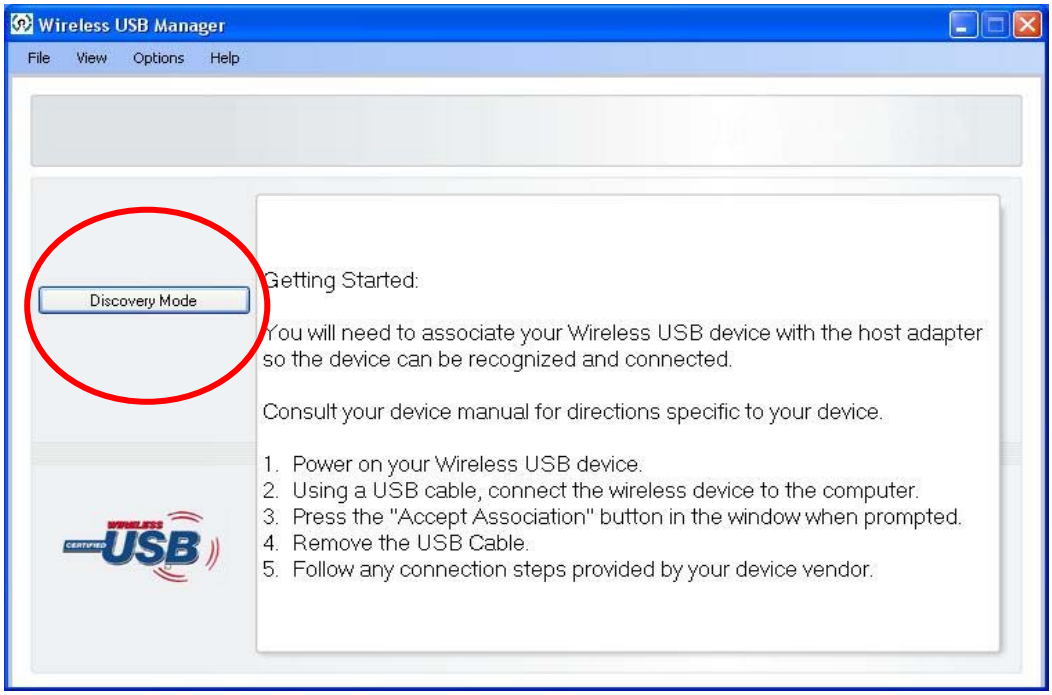


**Actual strings depend on your Wireless USB Host adapter. These screen shots above are from Wireless USB Dongle and might vary slightly for Wireless USB Expresscard.*

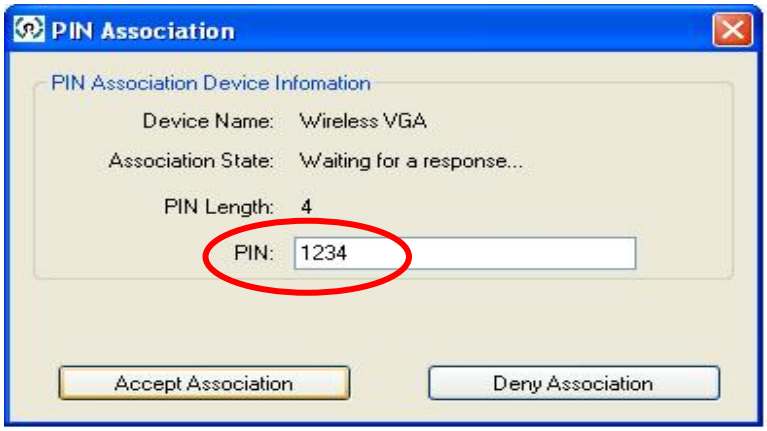
◆ To Make Pin Association

1. Both of **Wireless USB Host & Wireless USB Device** driver installation complete is necessary before you start to make cable association.
2. Get started by **plugging** your **Wireless USB host adapter** into an available USB or Expresscard/34 port on your computer or notebook first and you will find the Wireless USB Manager color in white.

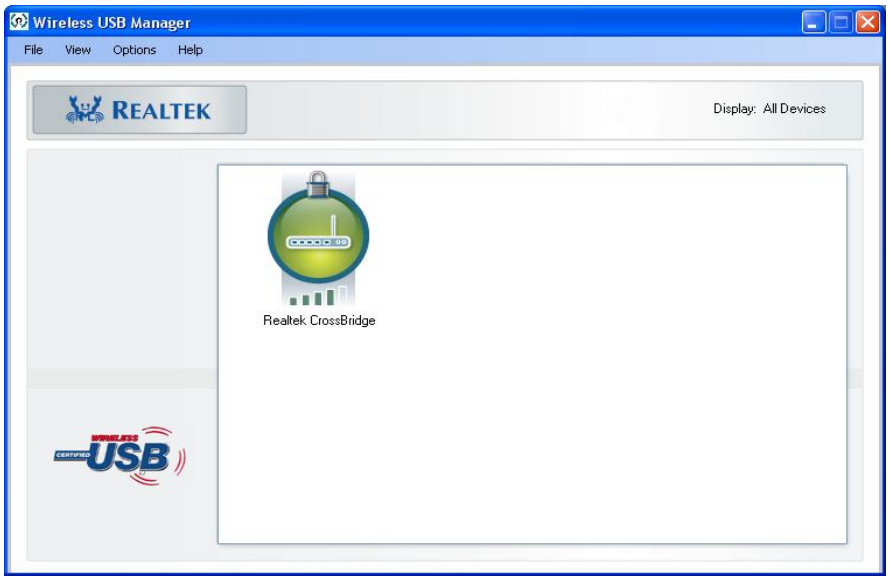
3. **Power on** your Wireless USB device.
4. Please double click the **Wireless USB Manager** in notification area; a pop up Window will appear as below. Please click Discovery Mode to make association.


Wireless USB Manager
File
View
Options
Help
Discovery Mode
Getting Started:
You will need to associate your Wireless USB device with the host adapter so the device can be recognized and connected.
Consult your device manual for directions specific to your device.
1. Power on your Wireless USB device.
2. Using a USB cable, connect the wireless device to the computer.
3. Press the "Accept Association" button in the window when prompted.
4. Remove the USB Cable.
5. Follow any connection steps provided by your device vendor.

5. For Pin Association – Enter the number of **1234** into the box and press "**Accept Association**" button to complete the pin association.



6. Please double click the **Wireless USB Manager** in notification area. The icon in **Green** represents association successful, and now you may start to enjoy using your device wirelessly.



**Actual strings depend on your Wireless USB Host adapter. These screen shots above are from Wireless USB Dongle and might vary slightly for Wireless USB Expresscard.*

4. Specifications

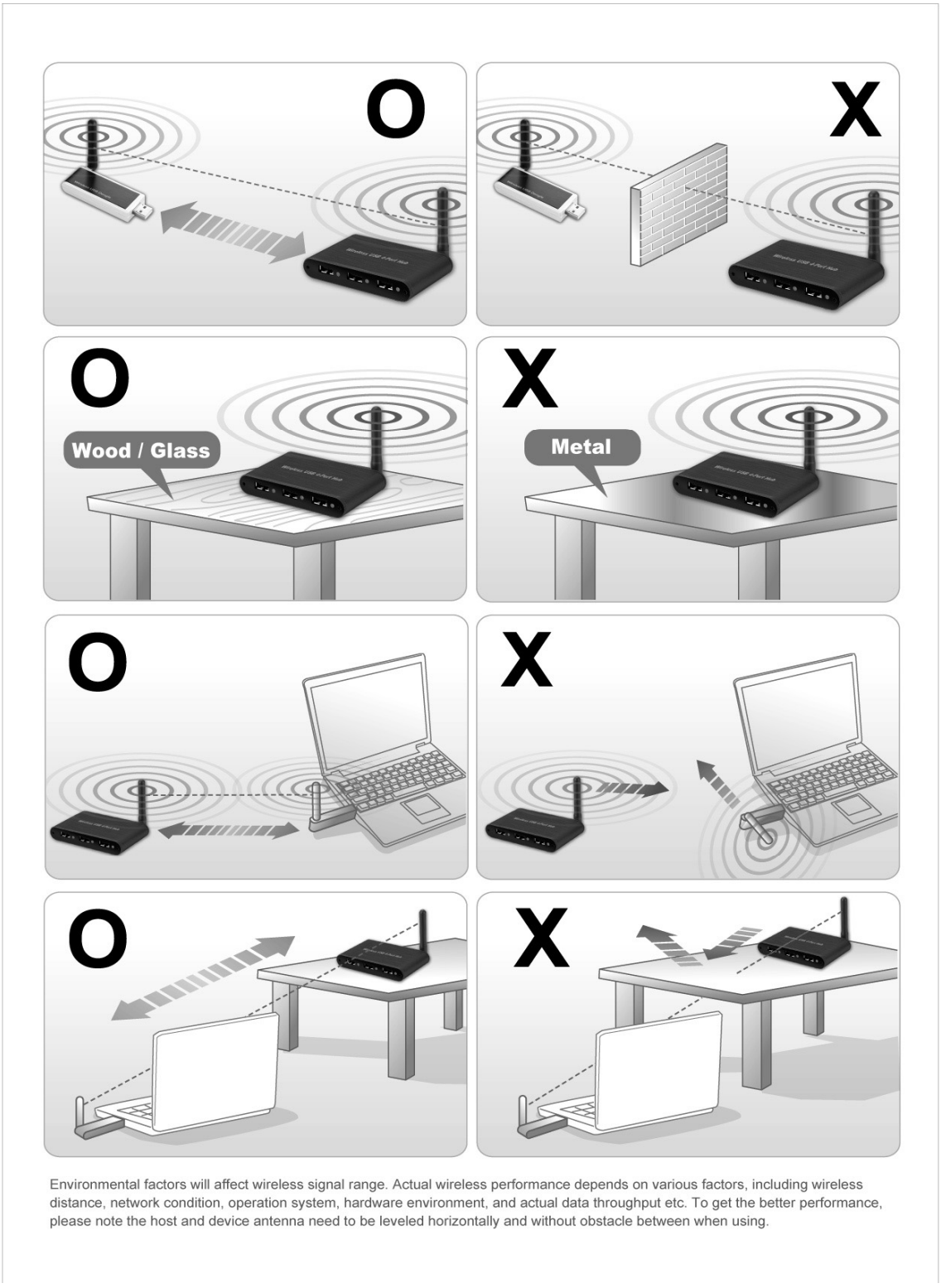
Item	Description
Interface	■ Video output: VGA ■ Upstream：Wireless USB ■ Power: DC power jack
Antenna	Dipole Antenna
Supported Resolutions	Up to 1440x900 pixels/ 1920x1080 pixels/ 2048x1152 pixels
Supported Modes	Extend to (right , left , below and above) , Extended Desktop (Default), Mirrored Desktop
Color Depth	16 and 32-bit True Color
Power Mode	Self-powered (only)
Power Adapter	■ Input: AC 100-240V ■ Output: DC 5V / 1A
PHY Data Rate	Support all WiMedia data rates from 53.3Mbps to 480Mbps
PHY Compliance	WiMedia 1.0 MAC & 1.1 PHY compliant Support for 1.2 PHY
Frequency Range	3.1GHz to 4.8GHz; 6.3~7.9 GHz UWB PHY Supports Band Groups 1&3.
RF modulation type	Compliant to WiMedia MultiBand OFDM PHY Technical Specification Release 1.1
Operational Range	Up to 10 meters
Operation System Support	Windows® XP SP2, Vista™ 32/64-bit
Working Environment:	■ Operation temperature: 10 ~ 40 °C ■ Storage temperature: -10 ~ 60 °C
Dimensions	98.5(L) x 75 (W) x 26.3(H) mm
Weights	88 g
Housing	Plastic

* Specification is subject to change without further notice

5. Troubleshooting

- The disconnection has occurred.

  When disconnection caused by inappropriate usage or system distortion has occurred, please remove the device and plug in again.



Environmental factors will affect wireless signal range. Actual wireless performance depends on various factors, including wireless distance, network condition, operation system, hardware environment, and actual data throughput etc. To get the better performance, please note the host and device antenna need to be leveled horizontally and without obstacle between when using.

6. Regulatory Compliance

FCC Conditions

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference

(2) This device must accept any interference received. Including interference that may cause undesired operation.

Important! Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment. Use an approved phone set.

CE

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B

WEEE Information

For EU (European Union) member users:
According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.